

## WHAT IS CLAIMED IS:

## 1. A hemostatic device comprising:

a flexible band adapted to be wrapped around a limb of a patient at a site on the limb where bleeding is to be stopped,

means for securing the band in a wrapped state to the patient's limb,

a curved plate having an inner peripheral side, which plate is made of a material more rigid than the band and at least a portion of which is curved toward the inner peripheral side,

a main balloon which is provided on the inner peripheral side of the curved plate and which inflates when a fluid is introduced therein, and

a pressing member which is provided between the curved plate and the main balloon so that at least a portion thereof overlaps with the balloon and which is adapted for pressing against the balloon.

2. The hemostatic device of claim 1, wherein the pressing member presses against the main balloon toward substantially the center of the limb.

3. The hemostatic device of claim 1, wherein the pressing member is a secondary balloon which, when filled with a fluid, presses against the main balloon under the influence of pressure by the fluid.

4. The hemostatic device of claim 3, wherein the secondary balloon inflates with the introduction of a fluid therein.

5. The hemostatic device of claim 4 having a means for communicating between an interior portion of the main balloon and an interior portion of the secondary balloon.

6. The hemostatic device of claim 1, wherein the pressing member is smaller than the main balloon.

7. The hemostatic device of claim 1, wherein the pressing member is positioned near one end of the curved plate in the lengthwise direction of the band.

8. The hemostatic device of claim 1, wherein the main balloon is in a position deviated to one end of the curved plate in the lengthwise direction of the band.

9. The hemostatic device of claim 8, wherein the curved

plate has a center portion and, at least on a side on which the main balloon is positioned, a portion which has a smaller radius of curvature than said center portion.

10. The hemostatic device of claim 1, wherein the main balloon is connected only on one side thereof to the band.

11. The hemostatic device of claim 1, wherein the pressing member is connected only on one side thereof to the band.

12. A hemostatic device comprising:

a flexible band adapted to be wrapped around a limb of a patient at a site on the limb where bleeding is to be stopped,

means for securing the band in a wrapped state to the patient's limb,

a curved plate having an inner peripheral side, which plate is made of a material more rigid than the band and at least a portion of which is curved toward the inner peripheral side, and

a balloon which is provided on the inner peripheral side of the curved plate and which inflates when a fluid is introduced therein;

wherein the balloon is connected only on one side

thereof to the band.

13. The hemostatic device of claim 12, wherein the balloon is in a position deviated to one end of the curved plate in the lengthwise direction of the band and is connected only on the one side thereof to the band.

14. The hemostatic device of claim 13, wherein the curved plate has a center portion and, at least on a side on which the balloon is positioned, a portion which has a smaller radius of curvature than said center portion.

15. A hemostatic device comprising:

a flexible band adapted to be wrapped around a limb of a patient at a site on the limb where bleeding is to be stopped,

means for securing the band in a wrapped state to the patient's limb, and

a balloon which is connected to the band and which inflates when a fluid is introduced therein;

wherein the balloon, following inflation, undergoes a decrease in internal pressure over time so that the internal pressure 60 minutes after inflation is 20 to 70% of the initial internal pressure.

16. The hemostatic device of claim 15 having also a curved plate with an inner peripheral side, which plate is provided so as to overlap with the balloon, and at least a portion of which is curved toward the inner peripheral side.

17. The hemostatic device of claim 15 having also a pressing member which is provided between the curved plate and the balloon so that at least a portion thereof overlaps with the balloon and which is adapted for pressing against the balloon.

18. The hemostatic device of claim 15, wherein the decrease in the internal pressure of the balloon arises from deformation over time in the band or the balloon or both the band and the balloon.

19. The hemostatic device of claim 15, wherein the band has a tensile modulus of at most  $10 \text{ gf/mm}^2$ .

20. The hemostatic device of claim 15, wherein the band wrapped around the patient's limb has an elongation percentage 180 minutes after balloon inflation of 1 to 7%.

21. A hemostatic device comprising:

a flexible band adapted to be wrapped around a limb of a patient at a site on the limb where bleeding is to be stopped,

means for securing the band in a wrapped state to the patient's limb,

a balloon which is connected to the band and which inflates when a fluid is introduced therein, and

a marker for positioning the balloon at the site where bleeding is to be stopped.

22. The hemostatic device of claim 21, wherein the band and the balloon are made of materials which allow visualization of the site where bleeding is to be stopped.

23. The hemostatic device of claim 21, wherein the marker is provided on the balloon.

24. The hemostatic device of claim 21, wherein the marker is provided on the band.

25. The hemostatic device of claim 21, wherein the band holds a curved plate made of a material more rigid than the band in such a way that the curved plate overlaps with the

balloon.

26. The hemostatic device of claim 21 having a pressing member which is provided between the curved plate and the balloon so that at least a portion thereof overlaps with the balloon and which is adapted for pressing against the balloon.

27. The hemostatic device of claim 25, wherein the marker is provided on the curved plate.

28. The hemostatic device of claim 26, wherein the marker is provided on the pressing member.